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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/944,929

DATE: 01/07/2002
TIME: 16:27:35

Input Set : N:\Crf3\RULE60\09944929.raw
Output Set: N:\CRF3\01072002\I944929.raw

1 <110> APPLICANT: Baker, Kevin
2 Botstein, David
3 Eaton, Dan
4 Ferrara, Napoleone
5 Filvaroff, Ellen
6 Gerritsen, Mary
7 Goddard, Audrey
8 Godowski, Paul
9 Grimaldi, Christopher
10 Gurney, Austin
11 Hillan, Kenneth
12 Kljavin, Ivar
13 Napier, Mary
14 Roy, Margaret
15 Tumas, Daniel
16 Wood, William
17 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
18 ACIDS ENCODING THE SAME
19 <130> FILE REFERENCE: P2548P1C1
20 <140> CURRENT APPLICATION NUMBER: 09/944,929
21 <141> CURRENT FILING DATE: 2001-08-31
22 <150> PRIOR APPLICATION NUMBER: 09/866,028
23 <151> PRIOR FILING DATE: 2001-05-25
27 <160> NUMBER OF SEQ ID NOS: 120
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30 <211> LENGTH: 2454
31 <212> TYPE: DNA
32 <213> ORGANISM: Homo Sapien
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35 caccaggact gtgttgaagg gtgtttttt tcttttaa at gtaataacctc 100
36 ctcatctttt cttcttacac agtgtctgag aacatttaca ttatagataa 150
37 gtagtacatg gtggataact tctactttta ggaggactac tctcttctga 200
38 cagtcctaga ctggctcttct acactaagac accatgaagg agtatgtgct 250
39 cctattattc ctggctttgt gctctgccaa acccttcttt agcccttcac 300
40 acatcgcact gaagaatatg atgctgaagg atatggaaga cacagatgat 350
41 gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
42 tccaacaaga gagccaagaa gccattttt tccatttgat ctgtttccaa 450
43 tgtgtccatt tggatgtcag tgctattcac gaggttgata ttgctcagat 500
44 ttaggtttga cctcagtcac aaccaacatt ccatttgata ctggaatgct 550
45 tgatcttcaa aacaataaaa ttaaggaaat caaagaaaat gattttaaag 600
46 gactcacttc actttatggt ctgatcctga acaacaacaa gctaacgaag 650
47 attcaccocaa aagcctttct aaccacaaag aagttgcgaa ggctgtatct 700
48 gtccocacaa caactaagtg aaataccact taatcttccc aaatcattag 750
49 cagaactcag aattcatgaa aataaagtta agaaaataca aaaggacaca 800
50 ttcaaaggaa tgaatgcttt acacgttttg gaaatgagtg caaacctct 850
51 tgataataat gggatagagc caggggcatt tgaaggggtg acggtgttcc 900

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52  atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
53  ccaactttat tggagcttca cttagattat aataaaattt caacagtga 1000
54  acttgaggat tttaaagcat acaaagaact acaaaggctg ggcctaggaa 1050
55  acaacaaaat cacagatata gaaaatggga gtcttgctaa cataccacgt 1100
56  gtgagagaaa tacatttgga aaacaataaa ctaaaaaaa tcccttcagg 1150
57  attaccagag ttgaaatacc tccagataat cttccttcat tctaattcaa 1200
58  ttgcaagagt gggagtaaat gacttctgtc caacagtgcc aaagatgaag 1250
59  aaatctttat acagtgaat aagtttattc aacaaccggt tgaaatactg 1300
60  ggaaatgcaa cctgcaacat ttcgttgtgt tttgagcaga atgagtgttc 1350
61  agcttgggaa ctttgggaat taataattag taattggtaa tgtccattta 1400
62  atataagatt caaaaatccc tacatttgga atacttgaa tctattaata 1450
63  atggtagtat tatatataca agcaaatatc tattctcaag tggttaagtc 1500
64  actgacttat tttatgacaa gaaatttcaa cggaattttg ccaaactatt 1550
65  gatacataag gggttgagag aaacaagcat ctattgcagt ttcctttttg 1600
66  cgtacaaatg atcttacata aatctcatgc ttgaccattc ctttcttcat 1650
67  aacaaaaaag taagatattc ggtattttaac actttgttat caagcacatt 1700
68  ttaaaaagaa ctgtactgta aatggaatgc ttgacttagc aaaatttgtg 1750
69  ctctttcatt tgctgttaga aaaacagaat taacaaagac agtaatgtga 1800
70  agagtgcatt acaactattc tattcttttag taacttgggt agtactgtaa 1850
71  tatttttaat catcttaaa gttatgttga tataatctta ttgaaattac 1900
72  cttatcatgt cttagagccc gtctttatgt ttaaaactaa tttcttaaaa 1950
73  taaagccttc agtaaatgtt cattaccaac ttgataaatg ctactcataa 2000
74  gagctgggtt ggggctatag catatgcttt ttttttttta attattacct 2050
75  gatttaaaaa tctctgttaa aacgtgtagt gtttcataaa atctgttaact 2100
76  cgcattttta tgatccgcta ttataagctt ttaatagcat gaaaattggt 2150
77  aggcctatata acattgccac ttcaactcta aggaatattt ttgagatata 2200
78  cctttggaag accttgcttg gaagagcctg gacactaaca attctacacc 2250
79  aaattgtctc ttcaaatacg tatggactgg ataactctga gaaacacatc 2300
80  tagtataact gaataagcag agcatcaaat taaacagaca gaaaccgaaa 2350
81  gctctatata aatgctcaga gttctttatg tatttcttat tggcattcaa 2400
82  catatgtaaa atcagaaaac agggaaattt tcattaaaaa tattgggttg 2450
83  aaat 2454

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85 <210> SEQ ID NO: 2

86 <211> LENGTH: 379

87 <212> TYPE: PRT

88 <213> ORGANISM: Homo Sapien

89 <400> SEQUENCE: 2

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91  1 5 10
92  Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met 30
93  20 25
94  Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp 45
95  35 40
96  Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu 60
97  50 55
98  Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro 75
99  65 70
100  Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu 90
101  80 85

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102      Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
103              95                      100                      105
104      Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
105              110                      115                      120
106      Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
107              125                      130                      135
108      Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
109              140                      145                      150
110      Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
111              155                      160                      165
112      Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
113              170                      175                      180
114      Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
115              185                      190                      195
116      Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
117              200                      205                      210
118      Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
119              215                      220                      225
120      Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
121              230                      235                      240
122      Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
123              245                      250                      255
124      Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
125              260                      265                      270
126      Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
127              275                      280                      285
128      Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
129              290                      295                      300
130      Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
131              305                      310                      315
132      Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
133              320                      325                      330
134      Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
135              335                      340                      345
136      Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
137              350                      355                      360
138      Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
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140      Asn Phe Gly Met
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143 <211> LENGTH: 20
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
148 <400> SEQUENCE: 3
149      ggaaatgagt gcaaaccctc 20
151 <210> SEQ ID NO: 4
152 <211> LENGTH: 24

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153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
157 <400> SEQUENCE: 4
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160 <210> SEQ ID NO: 5
161 <211> LENGTH: 50
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
166 <400> SEQUENCE: 5
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169 <210> SEQ ID NO: 6
170 <211> LENGTH: 3441
171 <212> TYPE: DNA
172 <213> ORGANISM: Homo Sapien
173 <400> SEQUENCE: 6
174      cggacgcgtg ggcggacgcg tgggcccgcg gcaccgcccc cggcccggcc 50
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176      cctccctccc tctcccccag ctgtcccgtt cgcgtcatgc cgagcctccc 150
177      ggccccgcgg gcccgcgtgc tgctcctcgg gctgctgctg ctcggctccc 200
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181      tcgggggtgat gcgtgctgct ctgtgcccct gcgaggcgcc tcaatccaga 400
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183      gtgcccacc cccgcctgtg ggcagccgcg ccagctgccc ggacactgct 500
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185      ctgtccttcg agtatccgcg ggaccgggag catcgagtt atagcgaccg 600
186      cggggagcca ggcgctgagg agcggggccc tggtagcggc cacacggact 650
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191      cgggcagtcg ctcggttgct tctgcggctc cttagggcag aacagctgca 900
192      tgtggcactt gtgacactca ctcacccttc aggggaggtc tgggggctc 950
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197      ctacaccagg ggcagctact gcgagaactt caggccaatg tctcagccca 1200
198      ggaaccaggc tttgctgagg tgctgcccac cctgacagtc caggagatgg 1250
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200      ccagggtgct gcatcagtg acacattgct gccaggaaga gctgcgacgt 1350
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202      gtgctgccgg ctacgccagc ctcacgctgc taggaaatgg ctccctgatc 1450
203      tatcaggtgc aagtggtagg gacaagcagt gaggtgggtg ccatgacact 1500

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204 ggagaccaag cctcagcgga gggatcagcg cactgtcctg tgccacatgg 1550
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206 ggtgcccag gggctcatat gctgctgcag aatgagctct tcctgaacgt 1650
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244 <210> SEQ ID NO: 7

245 <211> LENGTH: 954

246 <212> TYPE: PRT

247 <213> ORGANISM: Homo Sapien

248 <400> SEQUENCE: 7

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252 20 25 30
253 Pro Pro Val Leu Pro Ile Arg Ser Glu Lys Glu Pro Leu Pro Val

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